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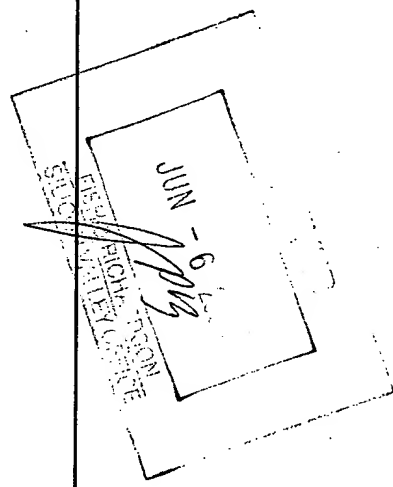
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06/06/2005 17:41 FAX 6508395071		FISH & RICHARDSON		001	
<b>FISH &amp; RICHARDSON P.C.</b>					
			500 Arguello Street Suite 500 Redwood City, California 94063-1516  Telephone 650 839-1070  Facsimile 650 839-1071  Web Site www.fr.com		
Date June 6, 2005					
To Phu K. Nguyen, Patent Examiner U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 Telephone: 571-272-7645					
Facsimile number 07844-47600001 / 703-872-9306					
From Brenda Leeds Binder					
Re HINTED STEM PLACEMENT ON HIGH-RESOLUTION PIXEL GRID Applicant: Terence S. Dowling and R. David Arnold Application No.: 09/739,587 Filing Date: December 15, 2000 Attorney's Docket No.: 07844-476001					
Number of pages including this page 3					
Message Attached is a copy of the 1449 form from the IDS filed December 3, 2004. Per our telephone conversation of May 20, 2005, we respectfully request that you consider the art cited and return an initialed Form PTO-1449 along with a Supplemental Notice of Allowability.  Brenda Leeds Binder has been given limited recognition under 37 CFR § 11.9(b) as an employee of the Fish & Richardson PC law firm to prepare and prosecute patent applications wherein the patent applicant is a client of Fish & Richardson PC and the attorney or agent of record in the applications is a registered practitioner who is a member of Fish & Richardson, which is the case in the present application. A copy of the Limited Recognition document, which expires July 26, 2005, is attached hereto.					
Respectfully submitted,  Date: June 6/05  Brenda Leeds Binder Limited Recognition under 37 CFR § 11.9(b)					
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Date June 6, 2005

To Phu K. Nguyen, Patent Examiner  
U.S. Patent and Trademark Office  
P.O. Box 1450  
Alexandria, VA 22313-1450  
Telephone: 571-272-7645

Facsimile number 07844-47600001 / 703-872-9306

From Brenda Leeds Binder

Re HINTED STEM PLACEMENT ON HIGH-RESOLUTION PIXEL GRID  
Applicant: Terence S. Dowling and R. David Arnold  
Application No.: 09/739,587  
Filing Date: December 15, 2000  
Attorney's Docket No.: 07844-476001

Number of pages  
including this page 3

Message Attached is a copy of the 1449 form from the IDS filed December 3, 2004. Per our telephone conversation of May 20, 2005, we respectfully request that you consider the art cited and return an initialed Form PTO-1449 along with a Supplemental Notice of Allowability.

Brenda Leeds Binder has been given limited recognition under 37 CFR § 11.9(b) as an employee of the Fish & Richardson PC law firm to prepare and prosecute patent applications wherein the patent applicant is a client of Fish & Richardson PC and the attorney or agent of record in the applications is a registered practitioner who is a member of Fish & Richardson, which is the case in the present application. A copy of the Limited Recognition document, which expires July 26, 2005, is attached hereto.

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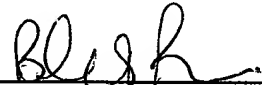
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**Date:** June 6/05

  
Brenda Leeds Binder  
Limited Recognition  
under 37 CFR § 11.9(b)

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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 07844-476001	Application No. 09/739,587
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant Terence S. Dowling and R. David Arnold	
		Filing Date December 15, 2000	Group Art Unit 2671

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	US-6,438,576	08/20/2002	Huang, et al.			
	AB	US-5,684,510	11/04/1997	Brassell, et al.			
	AC	US-6,104,833	08/15/2000	Naoi, et al.			
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
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	AS	
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Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

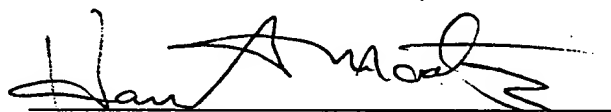
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
UNITED STATES PATENT AND TRADEMARK OFFICE**

**LIMITED RECOGNITION UNDER 37 CFR § 11.9(b)**

Brenda Leeds Binder is hereby given limited recognition under 37 CFR § 11.9(b) as an employee of the Fish & Richardson P.C. law firm to prepare and prosecute patent applications wherein the patent applicant is the client of the Fish & Richardson P.C. law firm, and the attorney or agent of record in the applications is a registered practitioner who is a member of the Fish & Richardson P.C. law firm. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Brenda Leeds Binder ceases to lawfully reside in the United States, (ii) Brenda Leeds Binder's employment with the Fish & Richardson P.C. law firm ceases or is terminated, or (iii) Brenda Leeds Binder ceases to remain or reside in the United States, authorized to be employed in accordance with an Employment Authorization Card issued pursuant to 8 CFR § 274a.12(c)(9).

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the United States Patent and Trademark Office.

**Expires: July 26, 2005**

A handwritten signature in black ink, appearing to read "Harry I. Moatz", is written over a horizontal line.

Harry I. Moatz  
Director of Enrollment and Discipline